



**US Army Corps  
of Engineers**®  
New England District

696 Virginia Road  
Concord, MA 01742-2751

# PUBLIC NOTICE

**Date:** April 28, 2009

**Comment Period Ends:** May 29, 2009

**File Number:** NAE-2008-2701

**In Reply Refer To:** Paul J. Sneeringer 978-318-8491

**Or by e-mail:** paul.j.sneeringer@usace.army.mil

The District Engineer has received a permit application from the applicant below to **conduct work in waters of the United States** as described below.

**APPLICANT:** Massachusetts Highway Department, 10 Park Plaza, Boston, Massachusetts 02116

**ACTIVITY:** To discharge dredged and/or fill material into waters of the United States, including jurisdictional wetlands, associated with the Ware River, as part of the replacement of the State Street Bridge (# P-01-018) in Palmer, Massachusetts. A detailed description and plans of the activity are attached.

## **WATERWAY AND LOCATION OF THE PROPOSED WORK**

This work is proposed in the Ware River at State Street, Palmer, Massachusetts.. The proposed location on the USGS Palmer quadrangle sheet is at 42° 12' 16.39" N, 72° 19' 7.65" W.

## **AUTHORITY**

Permits are required pursuant to:

\_\_\_\_ Section 10 of the Rivers and Harbors Act of 1899

\_XX\_ Section 404 of the Clean Water Act

\_\_\_\_ Section 103 of the Marine Protection, Research and Sanctuaries Act).

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are

also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972 as amended.

#### **SECTION 106 COORDINATION**

Based on his initial review, the District Engineer has determined that the proposed work may impact properties listed in, or eligible for listing in, the National Register of Historic Places. Additional review and consultation to fulfil requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

The States of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved **Coastal Zone Management Programs**. Where applicable the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The following authorizations have been applied for, or have been, or will be obtained:

- ( ) Permit, License or Assent from State.
- ( ) Permit from Local Wetland Agency or Conservation Commission.
- (XX) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact Mr. Paul Sneeringer at (978) 318-8491, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

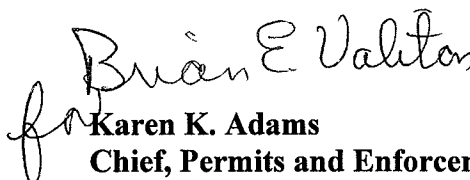
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

**CENAE-R**  
**FILE NO. NAE-2008-2701**

For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.

**THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.**

  
**Karen K. Adams**  
**Chief, Permits and Enforcement Branch**  
**Regulatory Division**

If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at [bettina.m.chaisson@usace.army.mil](mailto:bettina.m.chaisson@usace.army.mil). You may also check here ( ) and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

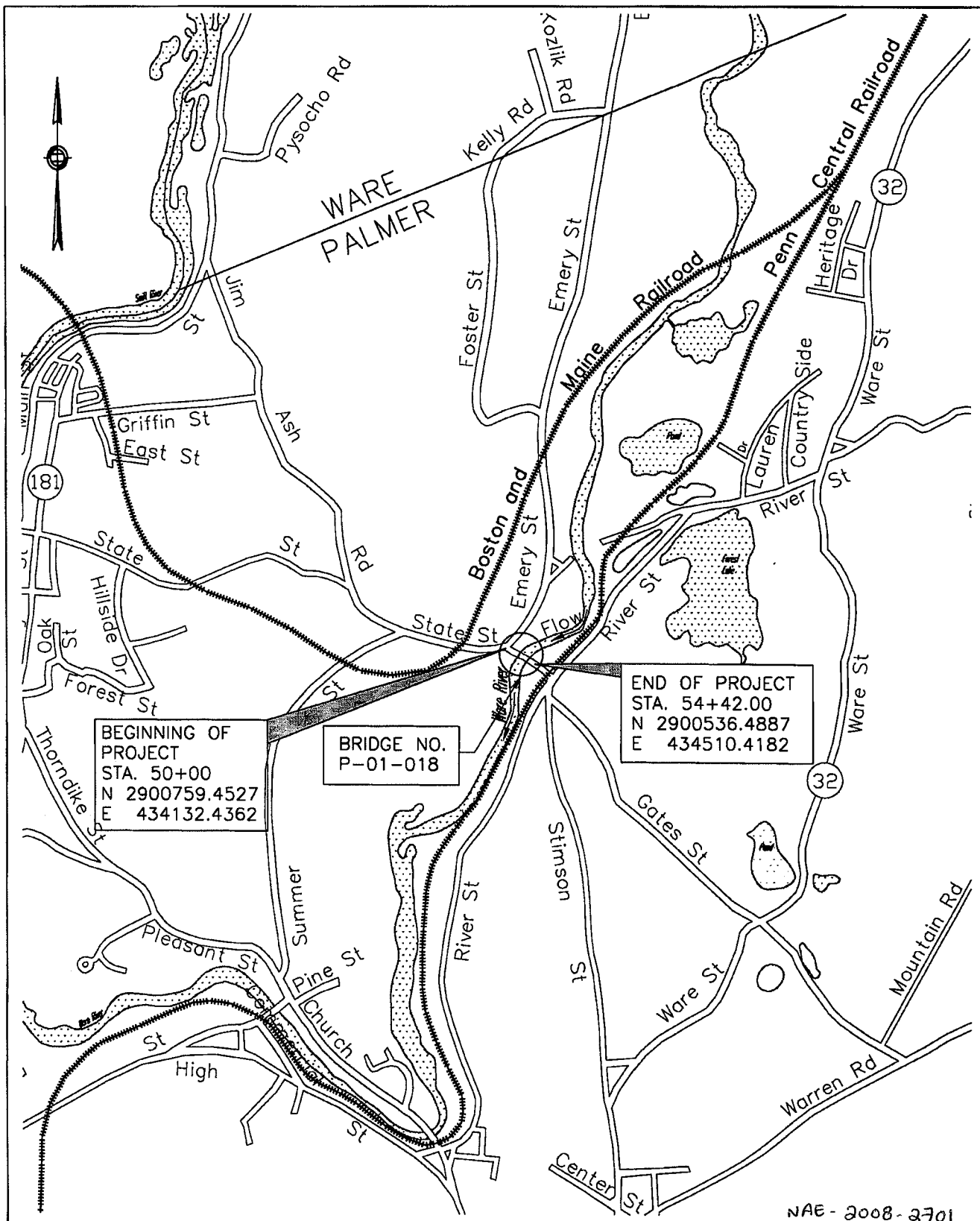
NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_

**PROPOSED WORK AND PURPOSE:**

**The work includes the discharge of dredged or fill material into approximately 1,500 square feet of waters of the United States, including jurisdictional wetlands, within the Ware River as part of the replacement of the State Street Bridge (#P-01-018) in Palmer, Massachusetts. This replacement project will involve the removal of the existing bridge superstructure, “in-river” pier and a portion of the abutments; the installation of a new bridge abutments, “in-river” pier and temporary cofferdams/timber work platform in order to dewater the construction areas; and site grading associated with the installation of a State-Mandated wetland replication area. Section 404 impacts are limited to the demolition/replacement of the “in-river” pier, the installation of the temporary cofferdam/timber work platform, and site grading associated with the wetland replication area. This work is described on the enclosed plan drawings entitled “STATE STREET OVER WARE RIVER,” on a total of 7 sheets, and dated “November 2008”.**

**MITIGATION:**

**The Corps is investigating methods and/or approaches to avoid and minimize impacts to waters of the United States, including jurisdictional wetlands.**



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**MASS HIGHWAY**

BRIDGE NO. P-01-018  
STATE STREET  
OVER WARE RIVER  
PALMER

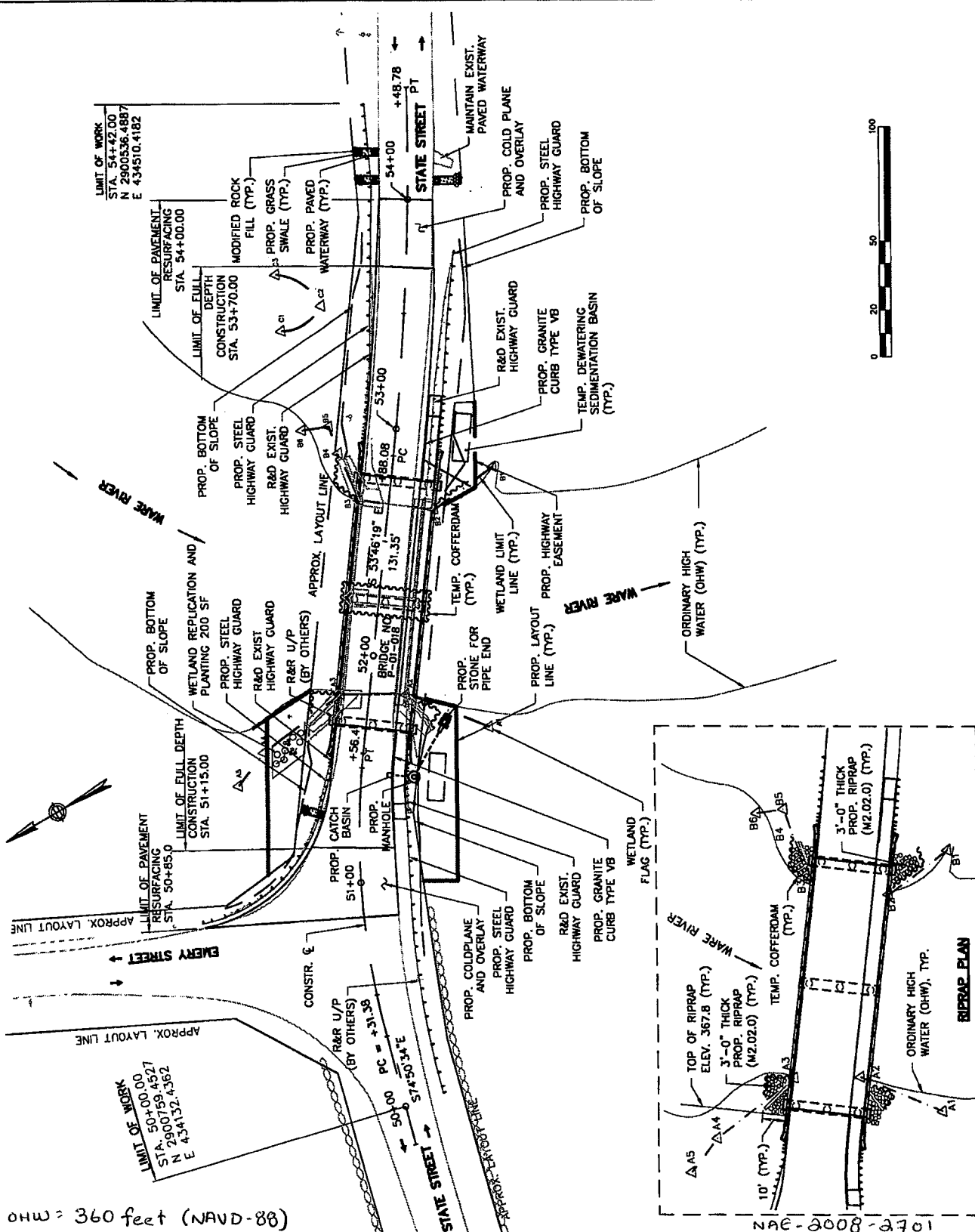
## PROJECT LOCATION PLAN

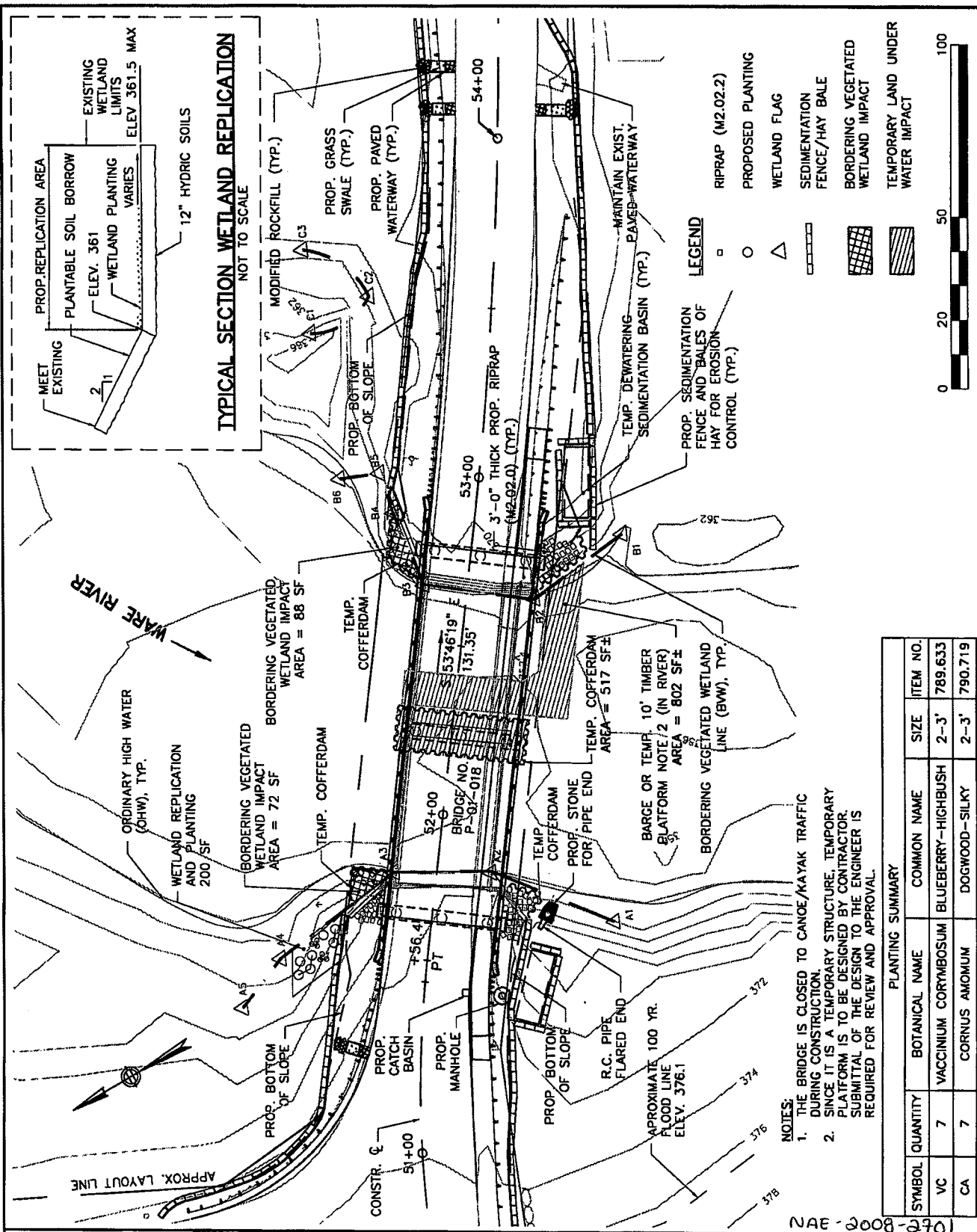
PREPARED BY  
LAMSON ENGINEERING CORP.  
NEWTON, MASS.

SHEET 1 OF 7

DATE: NOVEMBER, 2008

FIG. 1





**MASS HIGHWAY**  
BRIDGE NO. P-01-018  
STATE STREET  
OVER WARE RIVER  
PALMER

# ENVIRONMENTAL PLAN

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NEWTON, MASS.

SHEET 3 OF 7  
DATE: NOVEMBER 2000

FIG. B

# BEGINNING OF PROJECT

LIMIT OF WORK  
STA. 50+00.00  
N 2900759.4527  
E 434132.4362

PVI STA = 51+20.00  
PVI ELEV = 373.18  
A.D. = 1.80  
K = 37.22  
L = 67.00'

Q BRG. NORTH ABUT.  
STA. 51+70.38  
Q BRG. SOUTH ABUT.  
STA. 52+76.38

Q PIER.  
STA. 52+23.38

PROFILE GRADE LINE  
LOW CHORD OF PROP.  
& EXIST. BRIDGE  
EL. 367.0±

100 YEAR FLOOD  
EL. 376.1  
50 YEAR FLOOD  
EL. 373.7±

10 YEAR FLOOD EL. 367.8  
ORDINARY HIGH WATER (OHW)  
EL. 360

TOP OF BEDROCK,  
APPROX. EL. 293.1

EXIST. ABUT.  
TO REMAIN (TYP.)

TOP OF BEDROCK,  
APPROX. EL. 301.3

TOP OF BEDROCK,  
APPROX. EL. 307.0

APPROX.  
EXIST.  
GROUND  
ALONG  
CONST. Q

END OF PROJECT  
LIMIT OF WORK  
STA. 54+42.00  
N 2900536.4887  
E 434510.4182

PVI STA = 53+50.00  
PVI ELEV = 369.04  
A.D. = 1.06  
K = 37.69  
L = 40.00'

PVC STA. 53+30.00  
EL. 369.40  
PVT STA. 53+70.00  
EL. 368.89

(PRESENT ELEV.)  
(PROPOSED ELEV.)

STA. 3+74.86 STATE ST. SURVEY B, 2.69 RT.  
= STA. 50+00.00 PROP. STATE ST. CONST. Q

STA. 8+22.39 STATE ST. SURVEY B =  
STA. 54+48.78 PROP. STATE ST. CONST. Q

NOTE:

ELEVATIONS ARE BASED ON THE NORTH  
AMERICAN VERTICAL DATUM OF 1988.

HOR. SCALE IN FEET



BRIDGE NO. P-01-018  
STATE STREET  
OVER WARE RIVER  
PALMER

## PROFILE - STATE STREET

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SHEET 4 OF 7

DATE: NOVEMBER 2008

FIG. 4

NAE-2008-0370



CL BRG. EAST ABUT.  
STA. 52+76.38

CL BEARING WEST ABUT.  
STA. 51+70.38

106'-0"

CL PIER  
STA. 52+23.38

53'-0"

53'-0"

50 YR FLOOD  
EL. 373.7±  
(NAVD 88)

B48-24 PRECAST  
BOX BEAM

CL BEARING (TYP.)

100 YR FLOOD  
EL. 376.1

10 YR FLOOD  
EL. 367.8

LOW CHORD OF PROP.  
& EXIST. BRIDGE  
EL. 367.±

3'-0" (TYP.)

6" CONCRETE APRON (TYP.)

EXIST. BOTTOM  
OF RIVER  
EXISTING ABUTMENT  
TO REMAIN (TYP.)

ORDINARY HIGH WATER (OHW)  
EL. 360±

THREE 3'-0" Ø DRILLED SHAFTS  
EQUALLY SPACED (TYP.)

TOP OF BEDROCK,  
APPROX. EL. 301.3

TOP OF  
BEDROCK,  
APPROX.  
EL. 307.0

TOP OF  
BEDROCK,  
APPROX.  
EL. 293.1

3'-0" DIA.  
ROCK SOCKET  
5'-0" LONG  
(TYP.)

NOTE:  
ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

NAE-2008-2701

**MASS HIGHWAY**

BRIDGE NO. P-01-018  
STATE STREET  
OVER WARE RIVER  
PALMER

**SOUTH ELEVATION**

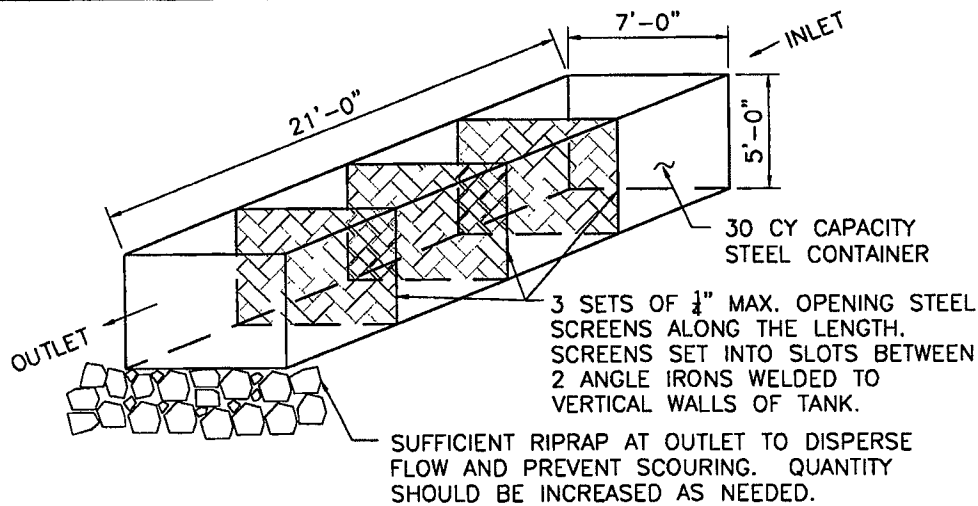
SCALE:  $\frac{1}{16}" = 1'-0"$

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NEWTON, MASS.

SHEET 3 OF 7

DATE: NOVEMBER 2008

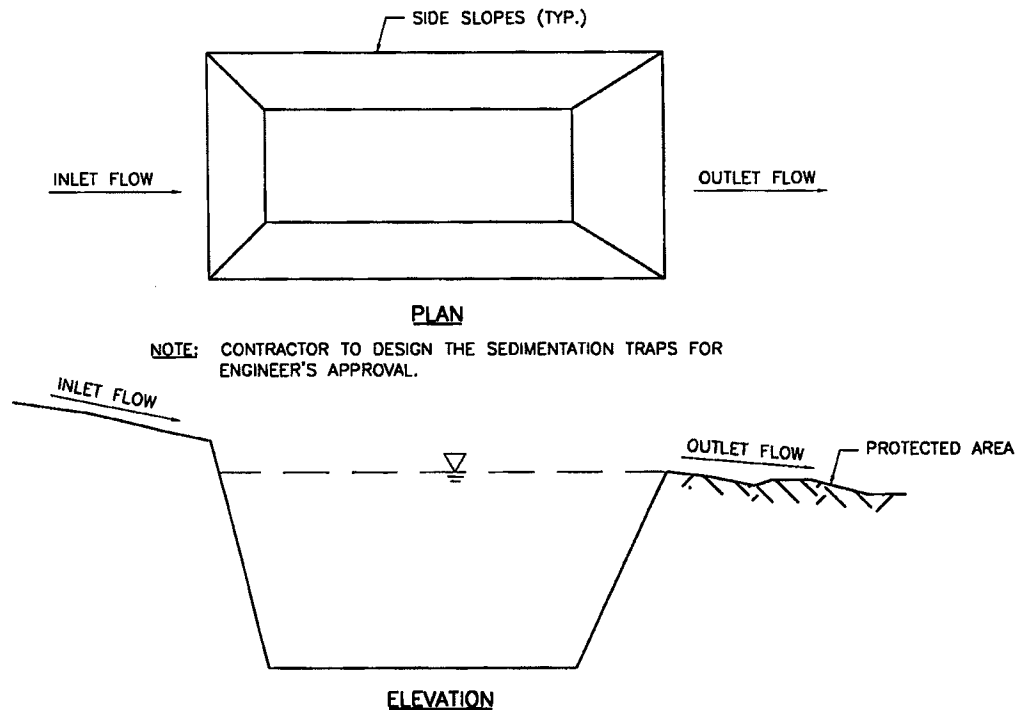
**FIG. 5**



**NOTES:**

1. SEE FIG 6 FOR LOCATION OF BASIN. LOCATION OF BASIN MAY BE ADJUSTED WITH THE APPROVAL OF THE ENGINEER.
2. OTHER TYPE OF BASIN MAY BE USED WITH THE APPROVAL OF THE ENGINEER.
3. PLACE HAY BALES ON SIDES OF BASIN WHERE THERE IS NO DIRECT INLET OR OUTLET OF FLOW.

**SCHEMATIC DIAGRAM - STEEL SETTLING BASIN TYPE**



**SCHEMATIC DIAGRAM - SEDIMENTATION TRAP TYPE  
TEMPORARY DEWATERING SEDIMENTATION BASIN**  
NOT TO SCALE

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**MASS HIGHWAY**

BRIDGE NO. P-01-018  
STATE STREET  
OVER WARE RIVER  
PALMER

ENVIRONMENTAL PLAN

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SHEET 6 of 7

DATE: NOVEMBER 2008

FIG. 6

